

ABSTRACT

A method of forming a silica soot preform comprising:
forming a primary soot preform on an outer periphery
of a glass rod by a primary burner; and forming a secondary
soot preform by a secondary burner on an outer periphery
the primary soot preform, wherein a diameter of the primary
soot preform is set to be ranged from twice to five times
of a diameter of the glass rod, a thickness of the secondary
soot preform is set to be range from 1.5 times to seven
times of that of the primary soot preform. Consequently,
the deposition rate with respect to the introduction
of the raw material gas is considerably increased. Further,
it is possible to maximize a performance of depositing
the primary soot preform.